

Table H. - Engineering Index Properties

City of Suffolk, Virginia

Absence of an entry indicates that the data were not estimated.

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
1B:												
Alaga	0-9	Sand	SM	A-2	0	0	100	100	50-85	5-45	9-18	NP-3
		Loamy Fine Sand	SP-SM									
		Loamy Sand	SW-SM									
	9-80	Loamy Sand	SM	A-2	0	0	100	100	50-85	5-45	9-18	NP-3
		Sand	SP-SM									
		Loamy Fine Sand	SW-SM									
Pactolus	---				---	---	---	---	---	---	---	---
2:												
Belhaven	0-44	Muck	PT	A-8	0	0	100	100	---	---	7	NP
	44-62	Silt Loam	CL	A-4	0	0	100	100	80-100	36-95	16-38	2-14
		Silty Clay Loam	CL-ML	A-6								
			SC									
			SC-SM									
Pungo	---				---	---	---	---	---	---	---	---
Deloss	---				---	---	---	---	---	---	---	---
3:												
Bohicket	0-13	Silty Clay Loam	CL	A-6	0	0	100	100	95-100	85-95	31-43	10-17
				A-7								
	13-60	Silty Clay	CH	A-7	0	0	100	100	95-100	90-95	43-61	17-27
			MH									
Kenansville	---				---	---	---	---	---	---	---	---
Pactolus	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

City of Suffolk, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
4:												
Deloss	0-17	Mucky Fine Sandy Loam	CL-ML	A-4	0	0	100	100	85-95	60-75	16-30	2-10
		Loam	ML									
		Mucky Loam	SC-SM									
	17-60	Fine Sandy Loam	CL	A-4	0	0	100	100	70-95	40-55	23-38	6-14
		Sandy Clay Loam	CL-ML	A-6								
			SC									
			SC-SM									
	60-75	Loam	CL	A-4	0	0	100	100	50-90	5-55	9-38	NP-14
		Sand	CL-ML	A-6								
		Fine Sandy Loam	SC									
		Sandy Clay Loam	SC-SM									
Tomotley	---				---	---	---	---	---	---	---	---
Belhaven	---				---	---	---	---	---	---	---	---
5A:												
Dogue	0-16	Loam	SC	A-4	0	0	100	100	70-95	40-75	16-30	2-10
		Fine Sandy Loam	SC-SM									
			SM									
	16-63	Sandy Clay	CH	A-6	0	0	100	100	80-100	35-95	34-61	12-27
		Clay	CL	A-7								
		Clay Loam	ML									
		Sandy Clay Loam	SC									
Emporia	---				---	---	---	---	---	---	---	---
Eunola	---				---	---	---	---	---	---	---	---
Wahee	---				---	---	---	---	---	---	---	---

5B2:

Table H. - Engineering Index Properties - Continued

City of Suffolk, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
5B2:												
Dogue	0-16	Loam Fine Sandy Loam	SC SC-SM	A-4	0	0	100	100	70-95	40-75	16-30	2-10
	16-63	Sandy Clay Clay Clay Loam Sandy Clay Loam	CH CL ML SC	A-6 A-7	0	0	100	100	80-100	35-95	34-61	12-27
Emporia	---				---	---	---	---	---	---	---	---
Eunola	---				---	---	---	---	---	---	---	---
Wahee	---				---	---	---	---	---	---	---	---
6:												
Dragston	0-9	Sandy Loam Fine Sandy Loam	SC-SM SM	A-2 A-4	0	0	100	100	60-85	30-60	14-18	1-3
	9-37	Loam Sandy Loam Fine Sandy Loam	CL-ML SC-SM SM	A-2 A-4	0	0	100	100	60-85	30-60	14-23	1-6
	37-66	Loamy Fine Sand Fine Sand	SC-SM SM	A-2	0	0	100	100	65-85	20-45	9-13	NP
Tomotley	---				---	---	---	---	---	---	---	---
Tetotum	---				---	---	---	---	---	---	---	---

7A:

Table H. - Engineering Index Properties - Continued

City of Suffolk, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
7A:												
Emporia	0-10	Fine Sandy Loam	ML	A-4	0	0	100	100	70-85	40-55	13-23	NP-6
	10-72	Fine Sandy Loam Clay Clay Loam Sandy Loam Sandy Clay Loam	SM CL SC	A-4 A-4 A-6	0	0	100	100	70-100	40-95	23-38	6-14
Kenansville	---				---	---	---	---	---	---	---	---
Nansemond	---				---	---	---	---	---	---	---	---
7B2:												
Emporia	0-10	Fine Sandy Loam	ML	A-4	0	0	100	100	70-85	40-55	13-23	NP-6
	10-72	Fine Sandy Loam Clay Clay Loam Sandy Loam Sandy Clay Loam	SM CL SC	A-4 A-4 A-6	0	0	100	100	70-100	40-95	23-38	6-14
Kenansville	---				---	---	---	---	---	---	---	---
Nansemond	---				---	---	---	---	---	---	---	---
8A:												
Eunola	0-9	Loamy Fine Sand	SM	A-2 A-2-4	0	0	100	100	70-85	28-45	10-17	NP-2
	9-63	Fine Sandy Loam Sandy Loam Sandy Clay Loam	CL SC SC-SM	A-4 A-2 A-4 A-6	0	0	100	100	60-90	30-55	23-38	6-14

Table H. - Engineering Index Properties - Continued

City of Suffolk, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
8A:												
Lynchburg	---				---	---	---	---	---	---	---	---
Suffolk	---				---	---	---	---	---	---	---	---
8B:												
Eunola	0-9	Loamy Fine Sand	SM	A-2 A-2-4 A-4	0	0	100	100	70-85	28-45	10-17	NP-2
	9-63	Sandy Clay Loam Fine Sandy Loam Sandy Loam	CL SC SC-SM	A-2 A-4 A-6	0	0	100	100	60-90	30-55	23-38	6-14
Lynchburg	---				---	---	---	---	---	---	---	---
Suffolk	---				---	---	---	---	---	---	---	---
9A:												
Goldsboro	0-18	Fine Sandy Loam	SC-SM SM	A-4	0	0	100	100	70-85	40-55	12-20	NP-4
	18-70	Loam Sandy Clay Loam	CL CL-ML SC SC-SM	A-4 A-6	0	0	100	100	80-95	35-75	23-34	6-12
Rains	---				---	---	---	---	---	---	---	---
9B2:												

Table H. - Engineering Index Properties - Continued

City of Suffolk, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
9B2:												
Goldsboro	0-18	Fine Sandy Loam	SC-SM	A-4	0	0	100	100	70-85	40-55	12-20	NP-4
	18-70	Loam Sandy Clay Loam	SM CL CL-ML SC SC-SM	A-4 A-6	0	0	100	100	80-95	35-75	23-34	6-12
Rains	---				---	---	---	---	---	---	---	---
10A:												
Kalmia	0-22	Sandy Loam	SC-SM	A-2	0	0	100	100	60-85	30-55	11-18	NP-3
		Fine Sandy Loam	SM	A-4								
	22-34	Sandy Clay Loam	SC	A-4	0	0	100	100	80-90	35-55	23-38	6-14
			SC-SM	A-6								
	34-72	Fine Sandy Loam	SM	A-2	0	0	100	100	50-85	5-55	9-16	NP-2
		Sandy Loam	SP-SM	A-3								
		Sand		A-4								
Kenansville	---				---	---	---	---	---	---	---	---
Nansemond	---				---	---	---	---	---	---	---	---
10B:												
Kalmia	0-22	Sandy Loam	SC-SM	A-2	0	0	100	100	60-85	30-55	11-18	NP-3
		Fine Sandy Loam	SM	A-4								
	22-34	Sandy Clay Loam	SC	A-4	0	0	100	100	80-90	35-55	23-38	6-14
			SC-SM	A-6								
	34-72	Fine Sandy Loam	SM	A-2	0	0	100	100	50-85	5-55	9-16	NP-2
		Sandy Loam	SP-SM	A-3								
		Sand		A-4								
Kenansville	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

City of Suffolk, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
10B:												
Nansemond	---				---	---	---	---	---	---	---	---
11:												
Kenansville	0-23	Loamy Fine Sand	SM	A-2	0	0	100	100	50-85	15-45	10-16	NP-2
		Loamy Sand										
	23-48	Sandy Clay Loam	SC	A-4	0	0	100	100	70-90	35-55	12-38	NP-14
		Fine Sandy Loam	SC-SM									
			SM									
	48-72	Loamy Sand	SM	A-2	0	0	100	100	50-75	5-30	8-16	NP-2
		Sand	SP-SM	A-3								
Eunola	---				---	---	---	---	---	---	---	---
Pactolus	---				---	---	---	---	---	---	---	---
Suffolk	---				---	---	---	---	---	---	---	---
12:												
Kenansville	0-23	Loamy Fine Sand	SM	A-2	0	0	100	100	50-85	15-45	10-16	NP-2
		Loamy Sand										
	23-48	Sandy Clay Loam	SC	A-4	0	0	100	100	70-90	35-55	12-38	NP-14
		Fine Sandy Loam	SC-SM									
			SM									
	48-72	Loamy Sand	SM	A-2	0	0	100	100	50-75	5-30	8-16	NP-2
		Sand	SP-SM	A-3								
Suffolk	---				---	---	---	---	---	---	---	---
Eunola	---				---	---	---	---	---	---	---	---

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Table H. - Engineering Index Properties - Continued

City of Suffolk, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
13:												
Levy	0-10	Silty Clay	CH	A-6	0	0	100	100	95-100	85-95	31-52	10-22
		Silty Clay Loam	CL	A-7								
	10-60	Clay	CH	A-6	0	0	100	100	90-100	75-95	38-61	14-27
		Silty Clay	CL	A-7								
			MH									
Rains	---				---	---	---	---	---	---	---	---
Nansemond	---				---	---	---	---	---	---	---	---
14:												
Lynchburg	0-13	Loamy Fine Sand	CL-ML	A-2	0	0	100	100	70-85	28-55	12-25	NP-7
		Fine Sandy Loam	ML	A-4								
			SC-SM									
			SM									
	13-63	Fine Sandy Loam	CL	A-2	0	0	100	100	60-90	30-55	23-38	6-14
		Sandy Loam	CL-ML	A-4								
		Sandy Clay Loam	SC	A-6								
			SC-SM									
Rains	---				---	---	---	---	---	---	---	---
Eunola	---				---	---	---	---	---	---	---	---
Wahee	---				---	---	---	---	---	---	---	---

15B:

Table H. - Engineering Index Properties - Continued

City of Suffolk, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
15B:												
Nansemond	0-18	Fine Sandy Loam	SC-SM	A-2	0	0	100	100	70-85	28-55	11-16	NP-2
		Loamy Fine Sand	SM	A-4								
	18-29	Sandy Clay Loam	SC	A-2	0	0	100	100	60-90	30-55	16-30	2-10
		Sandy Loam	SC-SM	A-4								
		Fine Sandy Loam	SM									
	29-70	Loamy Sand	SC-SM	A-2	0	0	100	100	50-85	5-45	9-18	NP-3
		Fine Sand	SM	A-3								
		Loamy Fine Sand	SP-SM	A-4								
		Sand										
Dragston	---				---	---	---	---	---	---	---	---
15D:												
Nansemond	0-18	Fine Sandy Loam	SC-SM	A-2	0	0	100	100	70-85	28-55	11-16	NP-2
		Loamy Fine Sand	SM	A-4								
	18-29	Fine Sandy Loam	SC	A-2	0	0	100	100	60-90	30-55	16-30	2-10
		Sandy Clay Loam	SC-SM	A-4								
		Sandy Loam	SM									
	29-70	Loamy Fine Sand	SC-SM	A-2	0	0	100	100	50-85	5-45	9-18	NP-3
		Fine Sand	SM	A-3								
		Sand	SP-SM	A-4								
		Loamy Sand										
Rains	---				---	---	---	---	---	---	---	---
Tomotley	---				---	---	---	---	---	---	---	---
15E:												

Table H. - Engineering Index Properties - Continued

City of Suffolk, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
15E:												
Nansemond	0-8	Fine Sandy Loam	SC-SM	A-2	0	0	100	100	70-85	28-55	11-16	NP-2
		Loamy Fine Sand	SM	A-4								
	18-29	Sandy Loam	SC	A-2	0	0	100	100	60-90	30-55	16-30	2-10
		Fine Sandy Loam	SC-SM	A-4								
		Sandy Clay Loam	SM									
	29-70	Loamy Sand	SC-SM	A-2	0	0	100	100	50-85	5-45	9-18	NP-3
		Sand	SM	A-3								
		Fine Sand	SP-SM	A-4								
		Loamy Fine Sand										
Rains	---				---	---	---	---	---	---	---	---
Tomotley	---				---	---	---	---	---	---	---	---
16A:												
Nansemond	0-8	Loamy Fine Sand	SC-SM	A-2	0	0	100	100	70-85	28-55	12-20	NP-4
		Fine Sandy Loam	SM	A-4								
	8-29	Sandy Clay Loam	SC	A-2	0	0	100	100	60-90	30-55	16-30	2-10
		Sandy Loam	SC-SM	A-4								
		Fine Sandy Loam	SM									
	29-70	Fine Sand	SC-SM	A-2	0	0	100	100	50-85	5-45	9-18	NP-3
		Loamy Fine Sand	SM	A-3								
		Loamy Sand	SP-SM	A-4								
		Sand										
Weston	---				---	---	---	---	---	---	---	---

16B:

Table H. - Engineering Index Properties - Continued

City of Suffolk, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
16B:												
Nansemond	0-8	Loamy Fine Sand	SC-SM	A-2	0	0	100	100	70-85	28-55	12-20	NP-4
		Fine Sandy Loam	SM	A-4								
	8-29	Fine Sandy Loam	SC	A-2	0	0	100	100	60-90	30-55	16-30	2-10
		Sandy Clay Loam	SC-SM	A-4								
		Sandy Loam	SM									
	29-70	Fine Sand	SC-SM	A-2	0	0	100	100	50-85	5-45	9-18	NP-3
		Loamy Fine Sand	SM	A-3								
		Loamy Sand	SP-SM	A-4								
		Sand										
Weston	---				---	---	---	---	---	---	---	---
17:												
Pactolus	0-2	Fine Sand	ML	A-4	0	0	100	100	50-85	15-45	9-18	NP-3
		Loamy Sand										
		Loamy Fine Sand										
	2-80	Loamy Sand	SM	A-2	0	0	100	100	50-75	5-30	9-18	NP-3
		Sand	SP-SM	A-3								
Alaga	---				---	---	---	---	---	---	---	---
Dragston	---				---	---	---	---	---	---	---	---
Kalmia	---				---	---	---	---	---	---	---	---
18:												
Pungo	0-79	Muck	PT	A-8	0	0	100	100	---	---	7-12	NP
Belhaven	---				---	---	---	---	---	---	---	---
Deloss	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

City of Suffolk, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
19:												
Rains	0-6	Loam	ML	A-4	0	0	100	100	70-95	40-75	12-25	NP-7
		Fine Sandy Loam	SM									
	6-65	Fine Sandy Loam	CL	A-4	0	0	100	100	70-90	35-80	23-38	6-14
		Clay Loam	CL-ML	A-6								
		Sandy Clay Loam	SC									
			SC-SM									
Lynchburg	---				---	---	---	---	---	---	---	---
Nansemond	---				---	---	---	---	---	---	---	---
Eunola	---				---	---	---	---	---	---	---	---
Torhunta	---				---	---	---	---	---	---	---	---
20A:												
Rumford	0-10	Fine Sandy Loam	SM	A-2	0	0	100	100	70-85	28-55	9-18	NP-3
		Loamy Fine Sand		A-4								
	10-36	Fine Sandy Loam	SC	A-2	0	0	100	100	70-90	28-55	14-30	1-10
		Sandy Clay Loam	SC-SM	A-4								
		Loamy Fine Sand	SM									
	36-72	Sand	SM	A-2	0	0	100	100	50-70	5-40	9-23	NP-6
		Sandy Loam		A-3								
		Loamy Sand		A-4								
Nansemond	---				---	---	---	---	---	---	---	---
20B:												

Table H. - Engineering Index Properties - Continued

City of Suffolk, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
20B:												
Rumford	0-10	Fine Sandy Loam	SM	A-2	0	0	100	100	70-85	28-55	9-18	NP-3
		Loamy Fine Sand		A-4								
	10-36	Fine Sandy Loam	SC	A-2	0	0	100	100	70-90	28-55	14-30	1-10
		Sandy Clay Loam	SC-SM	A-4								
		Loamy Fine Sand	SM									
	36-72	Sand	SM	A-2	0	0	100	100	50-70	5-40	9-23	NP-6
		Sandy Loam		A-3								
		Loamy Sand		A-4								
Nansemond	---				---	---	---	---	---	---	---	---
21A:												
State	0-16	Loamy Fine Sand	CL-ML	A-2	0	0	98-100	95-100	45-85	26-55	12-20	NP-4
		Sandy Loam	ML	A-4								
		Fine Sandy Loam	SC-SM									
			SM									
	16-52	Sandy Clay Loam	CL	A-4	0	0	98-100	95-100	57-90	28-55	23-38	6-14
		Fine Sandy Loam	SC	A-6								
		Sandy Loam										
	52-65	Sandy Loam	SC-SM	A-1	0	0	98-100	95-100	48-70	5-40	9-20	NP-4
		Loamy Sand	SM	A-2								
		Sand	SP-SM	A-3								
				A-4								
Tetotum	---				---	---	---	---	---	---	---	---

21B:

Table H. - Engineering Index Properties - Continued

City of Suffolk, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
21B:												
State	0-16	Loamy Fine Sand Sandy Loam Fine Sandy Loam	CL-ML ML SC-SM	A-2 A-4 SM	0	0	98-100	95-100	45-85	26-55	12-20	NP-4
	16-52	Fine Sandy Loam Sandy Loam Sandy Clay Loam	CL SC	A-4 A-6	0	0	98-100	95-100	57-90	28-55	23-38	6-14
	52-65	Sandy Loam Loamy Sand Sand	SC-SM SM SP-SM	A-1 A-2 A-3 A-4	0	0	98-100	95-100	48-70	5-40	9-20	NP-4
Tetotum	---				---	---	---	---	---	---	---	---
22A:												
Suffolk	0-11	Fine Sandy Loam Loamy Sand	SC-SM SM	A-2 A-4	0	0	100	100	50-85	15-55	11-16	NP-2
	11-47	Fine Sandy Loam Sandy Loam Sandy Clay Loam	CL SC	A-2 A-4 A-6	0	0	100	100	60-90	30-55	16-37	2-14
	47-65	Loamy Sand Sand Fine Sandy Loam	SC-SM SM	A-2 A-3 A-4	0	0	100	100	50-85	5-55	11-16	NP-2
Eunola	---				---	---	---	---	---	---	---	---

22B:

Table H. - Engineering Index Properties - Continued

City of Suffolk, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
22B:												
Suffolk	0-11	Fine Sandy Loam	SC-SM	A-2	0	0	100	100	50-85	15-55	11-16	NP-2
		Loamy Sand	SM	A-4								
	11-47	Fine Sandy Loam	CL	A-2	0	0	100	100	60-90	30-55	16-37	2-14
		Sandy Loam	SC	A-4								
		Sandy Clay Loam		A-6								
	47-65	Loamy Sand	SC-SM	A-2	0	0	100	100	50-85	5-55	11-16	NP-2
	Sand	SM	A-3									
		Fine Sandy Loam		A-4								
Eunola	---				---	---	---	---	---	---	---	---
23A:												
Tetotum	0-11	Fine Sandy Loam	ML	A-4	0	0	100	100	70-85	40-55	12-20	NP-4
			SM									
	11-65	Loam	CL	A-4	0	0-3	100	100	60-100	30-80	23-38	6-14
		Clay Loam	SC	A-6								
		Sandy Clay Loam										
	65-85	Sandy Loam										
	Sand	CL	A-2	0	0-3	100	100	50-90	5-55	9-34	NP-12	
	Loamy Sand	ML	A-4									
	Sandy Loam	SC	A-6									
	Sandy Clay Loam	SC-SM										
		SM										
State	---				---	---	---	---	---	---	---	---
Tomotley	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

City of Suffolk, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
23B:												
Tetotum	0-11	Fine Sandy Loam	ML SM	A-4	0	0	100	100	70-85	40-55	12-20	NP-4
	11-65	Sandy Loam Clay Loam Sandy Clay Loam Loam	CL SC	A-4 A-6	0	0-3	100	100	60-100	30-80	23-38	6-14
	65-85	Sandy Clay Loam Sand Loamy Sand Sandy Loam	CL ML SC SC-SM SM	A-2 A-4 A-6	0	0-3	100	100	50-90	5-55	9-34	NP-12
Dragston	---				---	---	---	---	---	---	---	---
State	---				---	---	---	---	---	---	---	---
24:												
Tomotley	0-7	Fine Sandy Loam Loam	CL CL-ML ML	A-4	0	0	100	100	70-95	40-75	12-31	NP-10
	7-43	Clay Loam Sandy Clay Loam Loam	CL CL-ML SC SC-SM	A-4 A-6	0	0	100	100	80-100	35-80	23-38	6-14
	43-61	Loamy Sand Sand Sandy Clay Loam Sandy Loam	CL CL-ML SC SC-SM	A-1 A-2 A-4 A-6	0	0	100	100	---	---	9-38	NP-14
Deloss	---				---	---	---	---	---	---	---	---
Dragston	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

City of Suffolk, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
24:												
Rains	---				---	---	---	---	---	---	---	---
25:												
Torhunta	0-16	Fine Sandy Loam	ML	A-4	0	0	100	100	70-95	40-75	12-23	NP-6
		Loam	SM									
	16-30	Fine Sandy Loam	SC-SM	A-2	0	0	100	100	60-85	30-55	12-23	NP-6
		Sandy Loam	SM	A-4								
	30-65	Sandy Loam	SC-SM	A-2	0	0	100	100	50-75	5-40	9-23	NP-6
		Sand	SM	A-3								
		Loamy Sand	SP-SM									
Belhaven	---				---	---	---	---	---	---	---	---
26:												
Udorthents	---				---	---	---	---	---	---	---	---
Eunola	---				---	---	---	---	---	---	---	---
Kenansville	---				---	---	---	---	---	---	---	---
Lynchburg	---				---	---	---	---	---	---	---	---
Nansemond	---				---	---	---	---	---	---	---	---
Suffolk	---				---	---	---	---	---	---	---	---
Tomotley	---				---	---	---	---	---	---	---	---
27:												
Urban land	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

City of Suffolk, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
27:												
Dogue	---				---	---	---	---	---	---	---	---
28:												
Wahee	0-9	Loam Silt Loam	CL CL-ML	A-4	0	0	100	100	85-100	60-90	16-31	2-10
	9-46	Silty Clay Loam Silty Clay Clay Loam Clay	CH CL MH	A-6 A-7	0	0	100	100	85-100	51-92	38-61	14-27
	46-62	Sandy Clay Loam Silty Clay Loam Fine Sandy Loam	CL	A-1	0	0	100	100	---	---	16-38	2-14
Dogue	---				---	---	---	---	---	---	---	---
Emporia	---				---	---	---	---	---	---	---	---
Tomotley	---				---	---	---	---	---	---	---	---
29:												
Weston	0-8	Loamy Fine Sand Fine Sandy Loam	SC-SM SM	A-2 A-4	0	0	100	100	70-85	28-55	12-20	NP-4
	8-39	Fine Sandy Loam Loam Sandy Loam	CL-ML ML SC-SM	A-2 A-4	0	0	100	100	60-95	30-75	12-23	NP-6
	39-62	Loamy Sand Sand	SM	A-2	0	0	100	100	50-75	5-30	9-18	NP-3
Nansemond	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

City of Suffolk, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
29:												
DAM:												
Dam	---				---	---	---	---	---	---	---	---
M-W:												
Water	---				---	---	---	---	---	---	---	---
W:												
Water	---				---	---	---	---	---	---	---	---